

## 8. Transfer Clutch Pressure Test

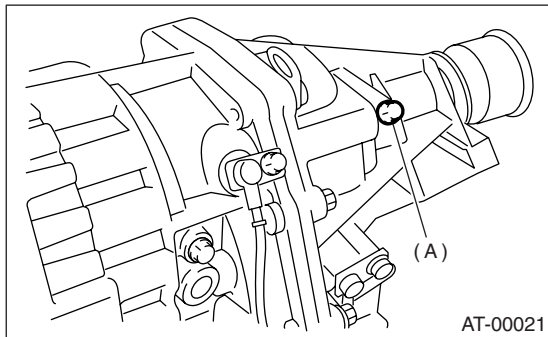
### A: INSPECTION

Check the transfer clutch pressure in accordance with the following chart in the same manner as with line pressure. <Ref. to 4AT-35, Line Pressure Test.>

ST 498897700	OIL PRESSURE ADAPTER SET
ST 498575400	OIL PRESSURE GAUGE ASSY

#### NOTE:

Before setting in FWD mode, install the spare fuse on FWD mode switch.



(A) Test plug

#### NOTE:

If oil pressure is not produced or if it does not change in the AWD mode, the transfer duty solenoid or transfer valve assembly may be malfunctioning. If oil pressure is produced in the FWD mode, the problem is similar to that in the AWD mode.

# TRANSFER CLUTCH PRESSURE TEST

## AUTOMATIC TRANSMISSION

Standard transfer clutch pressure :

- Non-turbo model

Range position	ON Duty ratio (%)	Throttle position (%)	AWD Mode Standard transfer clutch pressure (kPa (kg/cm <sup>2</sup> , psi))	FWD Mode Standard transfer clutch pressure (kPa (kg/cm <sup>2</sup> , psi))
D	95	100 (Full open)	910 — 1,070 (9.3 — 10.9, 132 — 155)	—
D	60	Adjust the throttle position to keep the ON duty ratio 60%. (Rough standard: 10%)	410 — 490 (4.2 — 5.0, 59 — 71)	—
N or P	5	0 (Full closed)	0	—
D	5	0 (Full closed)	—	0

- Turbo model

Range position	ON Duty ratio (%)	Throttle position (%)	AWD Mode Standard transfer clutch pressure (kPa (kg/cm <sup>2</sup> , psi))	FWD Mode Standard transfer clutch pressure (kPa (kg/cm <sup>2</sup> , psi))
2	95	100 (Full open)	930 — 1,100 (9.5 — 11.2, 135 — 160)	—
2	60	Adjust the throttle position to keep the ON duty ratio 60%. (Rough standard: 12%)	420 — 560 (4.3 — 5.7, 61 — 81)	—
N or P	5	0 (Full closed)	0	—
2	5	0 (Full closed)	—	0